

INTERNATIONAL SEARCH REPORT

International Application No

PC 03/08663

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/56 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 842 224 A (FENNER PETER R) 24 November 1998 (1998-11-24) column 4, line 45 - line 49 column 5, line 5 - line 9 column 16, line 21 - line 30 column 16, line 55 - column 17, line 10 column 17, line 40 - column 18, line 31 column 25, line 25 - line 30 figure 4	1-17
A	----- HENRY HONG-YI TZENG ET AL: "ON FAST ADDRESS-LOOKUP ALGORITHMS" IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, IEEE INC. NEW YORK, US, vol. 17, no. 6, June 1999 (1999-06), pages 1067-1082, XP002936422 ISSN: 0733-8716 the whole document ----- -/-	1-17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

4 November 2003

Date of mailing of the international search report

12/11/2003

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Int. Patent Application No.

PCT/SA 03/08663

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 978 966 A (ITALTEL SPA) 9 February 2000 (2000-02-09) paragraph '0009! - paragraph '0011! paragraph '0015! paragraph '0021! -----	1-17
A	WITTEN I H ET AL: "ARITHMETIC CODING FOR DATA COMPRESSION" COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY, ASSOCIATION FOR COMPUTING MACHINERY. NEW YORK, US, vol. 30, no. 6, 1 June 1987 (1987-06-01), pages 520-540, XP000615171 ISSN: 0001-0782 the whole document -----	1-17

INTERNATIONAL SEARCH REPORT

on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5842224	A	24-11-1998	US	5095480 A		10-03-1992
			US	5860136 A		12-01-1999
			US	5490258 A		06-02-1996
EP 0978966	A	09-02-2000	US	6549536 B1		15-04-2003
			EP	0978966 A1		09-02-2000

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